

REMARKS

By this amendment, applicants have amended claim 1 and the abstract. It is applicants' contention that amended claim 1 and the abstract more clearly define and describe applicants' claimed invention. No new matter is added by the amendment to claim 1 and the abstract, because the amendments thereto are based on the application as originally filed.

Early consideration and allowance of all pending claims are respectfully requested.

Respectfully Submitted,

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DNC/lm/jam

Enclosure: Version With Markings Showing Changes Made  
Amended Abstract

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VERSION WITH MARKINGS SHOWING CHANGES MADECLAIMS:

1. (As Amended) A diversity wireless device for providing diversity using a plurality of antennas comprising:

a substrate;

at least one grounded antenna disposed on said substrate;

at least one ungrounded antenna disposed on said substrate and isolated from said grounded antenna, whereby said grounded antenna and said ungrounded antenna provide a diversity gain relative to signals received by said diversity wireless device.

~~an antenna which is grounded (grounded antenna) and~~

~~an antenna which is not grounded (ungrounded antenna).~~

ABSTRACT:

~~The present invention aims to provide a diversity wireless device that can be downsized without reduction in diversity gains. Provision of at least one ungrounded antenna among a plurality of antennas in the device makes a lower correlation between the antennas, thus giving a high diversity gain.~~ A diversity wireless device for use in a wireless terminal unit includes at least one grounded antenna and at least one ungrounded antenna in proximity to each other on a circuit board. By providing at least one ungrounded antenna and at least one grounded antenna, there is a low correlation between the antennas resulting in a high diversity gain. The high diversity gain as a result of these antennas is maintained even with downsizing of the diversity wireless device.